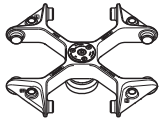




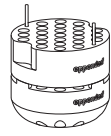

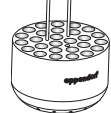
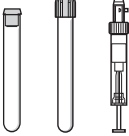
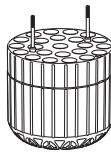

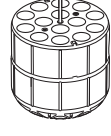


12.2 Rotor S-4x1000

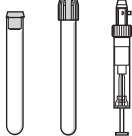
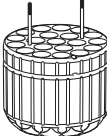









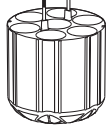

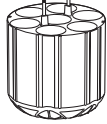
12.2.1 Swing-bucket rotor S-4x1000 with 4 aerosol-tight round buckets 1000 mL



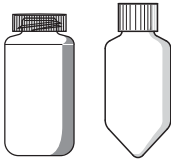
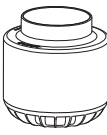








			Max. <i>g</i> -force: 120 V/230 V 3428 × <i>g</i>
			Max. speed: 120 V/230 V 3700 rpm
Rotor S-4x1000	Round bucket 1000 mL	Aerosol-tight cap	Max. load per bucket (adapter, tube and contents): 1340 g

	Vessel Capacity Number per adapter/rotor	Adapter Order no. (international)	Bottom shape Tube diameter Max. tube length with/without cap	Max. <i>g</i> -force
				Max. speed Radius
	Micro test tube 1.5 mL/2 mL 50/200	 5825 740 009	Open Ø 11 mm 39 mm	Top: 2648 × <i>g</i> Bottom: 3352 × <i>g</i> 3700 rpm Top: 17.3 cm Bottom: 21.9 cm
	Dished-bottom vessel Ø 12 mm × 75 mm 27/108	 5825 747 003	Round Ø 12 mm 108 mm/115 mm	3229 × <i>g</i> 3700 rpm 21.1 cm
	Dished-bottom vessel 4 mL – 8 mL (Ø 13 mm × 75 mm – 100 mm) 23/92	 5825 738 004	Round Ø 13 mm 113 mm/121 mm	3214 × <i>g</i> 3700 rpm 21.0 cm
	Eppendorf Tubes 5 mL 14/56	 5825 734 009 (without upper part)	Conical Ø 17 mm 150 mm/161 mm	3428 × <i>g</i> 3700 rpm 22.4 cm

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Vessel	Vessel Capacity Number per adapter/rotor	Adapter Order no. (international)	Bottom shape Tube diameter Max. tube length with/without cap	Max. <i>g</i> -force Max. speed Radius
	Dished-bottom vessel 5.5 mL – 12 mL (Ø 16 mm × 75 mm – 100 mm) 20/80	 5825 736 001	Round Ø 16 mm 140 mm/140 mm	3229 × <i>g</i> 3700 rpm 21.1 cm
	Vessel 9 mL (Ø 17.5 mm × 100 mm) 20/80	 5825 743 008	Round Ø 17.5 mm 112 mm/117 mm	3214 × <i>g</i> 3700 rpm 21.0 cm
	Dished-bottom vessel 14 mL 14/56	 5825 748 000	Round Ø 17.5 mm 112 mm/117 mm	3214 × <i>g</i> 3700 rpm 21.0 cm
	Conical tube 15 mL 14/56	 5825 734 009	Conical Ø 17 mm 150 mm/161 mm	3428 × <i>g</i> 3700 rpm 22.4 cm
	Universal vessel 30 mL 5825 755 006	 5825 755 006	Conical Ø 25 mm 139 mm/144 mm	3245 × <i>g</i> 3700 rpm 21.2 cm
	Conical tube 50 mL 7/28	 5825 733 002	Conical Ø 29 mm 150 mm/156 mm	3413 × <i>g</i> 3700 rpm 22.3 cm
	Snap cap tube 50 mL 6/24	 5825 733 002	Conical Ø 30 mm 120 mm/148 mm	3413 × <i>g</i> 3700 rpm 22.3 cm

Vessel	Vessel Capacity Number per adapter/rotor	Adapter Order no. (international)	Bottom shape Tube diameter Max. tube length with/without cap	Max. g-force Max. speed Radius
	Conical tube (skirted) 50 mL 5/20	 5825 732 006	Conical Ø 29 mm 147 mm/151 mm	3199 × g 3700 rpm 20.9 cm
	Wide-neck bottle/ conical tube 175 mL – 250 mL 250 mL Corning 1/4	 5825 741 005	Flat For conical tubes, additionally insert the adapter of the manufacturer. Ø 62 mm 156 mm/176 mm	3275 × g 3700 rpm 21.4 cm
	Conical tube 500 mL Corning 1/4	 5825 745 000	Conical Ø 96 mm 167 mm/167 mm	3336 × g 3700 rpm 21.8 cm
	Wide-neck bottle 500 mL 1/4	 5920 703 005	Flat 69.5 mm 183 mm/183 mm	3382 × g 3700 rpm 22.1 cm
	TPP bioreactor 600 mL 1/4	 5920 701 002	Conical Ø 98 mm 181 mm/181 mm	3428 × g 3700 rpm 22.4 mm
	Wide-neck bottle 750 mL 1/4	 5825 744 004	Flat Ø 102 mm 181 mm/181 mm	3306 × g 3700 rpm 21.6 cm

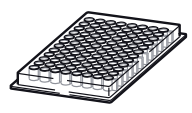
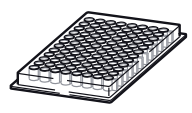

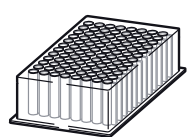

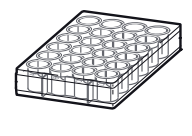

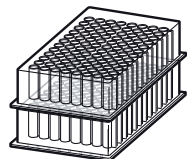


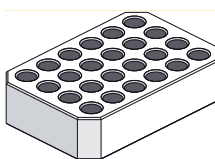
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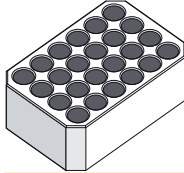
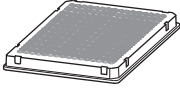
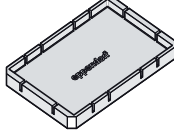
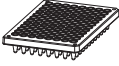
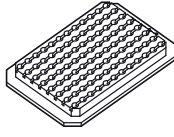
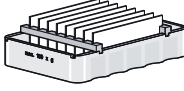
Vessel	Vessel Capacity Number per adapter/rotor	Adapter Order no. (international)	Bottom shape Tube diameter Max. tube length with/without cap	Max. <i>g</i> -force Max. speed Radius
	Wide-neck bottle Nalgene: 3120 1010, 3122 1010 1000 mL 1/4	 5920 700 006	Flat Ø 98 mm (Do not use an aerosol-tight cap.)/ 169 mm	3336 × <i>g</i> 3700 rpm 21.8 cm

			Max. <i>g</i> -force: 3076 × <i>g</i>
			Max. speed: 3700 rpm
Rotor S-4x1000	Plate/Tube Bucket with plate carrier	Aerosol-tight cap	Max. load per bucket (adapter, tube and contents): 970 g

Always use the Plate/Tube Bucket with a plate carrier for centrifugation of the following plates and tubes. Use a removal tool and adapter if necessary.

	Plate	Plate Capacity	Adapter Order no. (international)	Bottom shape	Max. <i>g</i> -force
		Number per adapter/rotor		Max. loading height	Max. speed
					Radius
	Microplate	96/384 wells	 5920 705 008	Flat	3030 × <i>g</i> 3700 rpm
		7/28		91 mm/104 mm	19.8 cm
	Deepwell plate	96 wells	 5920 705 008	Flat	3030 × <i>g</i> 3700 rpm
		2/8		91 mm/104 mm	19.8 cm
	Cell-culture plate		 5920 705 008	Flat	3030 × <i>g</i> 3700 rpm
		2/8		91 mm/104 mm	19.8 cm
	Kit		 5920 705 008	Flat	3030 × <i>g</i> 3700 rpm
		1/4		91 mm/104 mm	19.8 cm
	IsoRack	24 × 0.5 mL micro test tubes	Plate carrier +  5825 708 008	Open	3015 × <i>g</i> 3700 rpm
		1/4		Ø 6 mm	
				47 mm/60 mm	19.1 cm

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Plate	Plate Capacity Number per adapter/rotor	Adapter Order no. (international)	Bottom shape Max. loading height	Max. <i>g</i> -force Max. speed Radius
	IsoRack 24 × 1.5/2 mL micro test tubes	Plate carrier + 	Open Ø 11 mm	2862 × <i>g</i> 3700 rpm
	1/4	5825 709 004	47 mm/60 mm	18.7 cm
	PCR plate 384 wells	Plate carrier + 	Flat	2893 × <i>g</i> 3700 rpm
	1/4	5825 713 001	91 mm/104 mm	18.9 cm
	PCR plate 96 wells	Plate carrier + 	Conical	2939 × <i>g</i> 3700 rpm
	1/4	5825 711 009	91 mm/104 mm	19.2 cm
Slide	CombiSlide 12 slides	Plate carrier + 	Flat	2985 × <i>g</i> 3700 rpm
	12/48	5825 706 005	47 mm/60 mm	19.5 cm